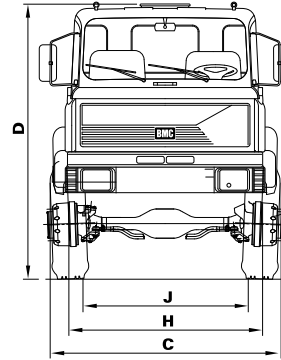
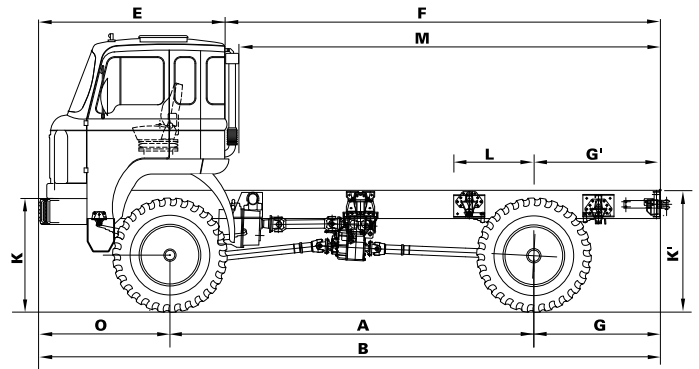


215-13 TURBO INTERCOOLER

CAB TYPE	Sleeper cab
CHASSIS FRAME USAGE	Cargo
WHEEL CONFIGURATION	4 x 4
ENGINE	
MAKE/MODEL	CUMMINS B215 E20 (Euro-2)
TYPE	Turbo intercooler, diesel
NUMBER OF CYLINDERS	6
TOTAL DISPLACEMENT	5.880 lt
MAXIMUM POWER	215 PS (158 kw)@2500 rpm
MAXIMUM TORQUE	700 Nm (71.4 kgm)@1500 rpm
FUEL SYSTEM	
FUEL INJECTION PUMP MAKE	BOSCH
MODEL	In line type fuel injection
FUEL TANK CAPACITY	230 lt
CLUTCH	
TYPE	Single disc, air assisted hydraulic type
DRIVEN PLATE DIAMETER	350 mm
GEAR BOX	
MARKA/MODEL	ZF 6S 850
NUMBER OF GEARS	6 forward, 1 reverse
GEARBOX RATIOS	8.51, 4.66, 2.73, 1.78, 1.27, 1.0 (R 7.64)
TRANSFER BOX	
MARKA/MODEL	ROCKWELL BT 600
NUMBER OF GEARS	4x2 - 4x4 driving, neutral / drive position, pneumatically operated, air supplied slow speed, spring actuated high speed
FRONT AXLE	
MAKE/TYPE	ROCKWELL (Meritor) 4314 SFW
CAPACITY	7500 kg
REAR AXLE	
MAKE/TYPE	ROCKWELL (Meritor) 4424 SFW
	Differential lock pneumatically operated planetary reduction in the wheel end
AXLE RATIO	5.647:1
CAPACITY	11000 kg
STEERING BOX	
MAKE/MODEL	HEMA (ZF)/8043
TYPE	Integral type, hydraulic
BRAKE SYSTEM	
	Full air dry type service brake, air actuated spring hand brake, exhaust brake, wedge type drum brakes
SUSPENSION	
FRONT AXLE	Semi-elliptic leaf spring, telescopic, shock absorbers
REAR AXLE	Semi-elliptic leaf spring, telescopic, shock absorbers
ANTI-ROLL BAR	Front and rear
CHASSIS FRAME	
PROFIL TYPE	"C" section steel profile
REINFORCEMENT TYPE	"L" section inner flitch reinforcement
TYRES	14.00 - 20
RIMS	10 x 20 Single rear wheels, on/off road applications
ELECTRICAL SYSTEM	
VOLTAGE	24 V, negative (-) ground, security circuit breaker
BATTERIES	2 x 12 V, 150 Ah
ALTERNATOR	55 A



DIMENSIONS (mm)

A : Wheelbase	3860
B : Overall length	6830
C : Overall width	2500
D : Overall height	2995
E : Bumper to back of cab	1972
F : Back of cab to end of frame	4650
G : Rear overhang	1530
H : Front track	2000
J : Rear track	2000
K : Frame height on front axle	1300
K' : Frame height on rear axle	1350
M : Useful chassis length	4500
N : Frame width-front	912
N' : Frame width-rear	812

WEIGHTS (kg)

Kerb weight total	6500
Front axle kerb weight	3720
Rear axle kerb weight	2780
Payload (include superstructure)	6500
Maximum permissible total weight, front	5500
Maximum permissible total weight, rear	7500
Gross vehicle weight	13000

PERFORMANCE

Gradeability (at GVW) (%)	60
Maximum speed at level road (km/h)	95
Geared speed	95
Ground clearance front (mm)	400
Ground clearance rear (mm)	400
Approach angle	35°
Departure angle	40°
Turning circle diameter (mm)	18750

JUNE 10, 2003

The manufacturer reserves the right to modify design and specifications without prior notice.



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